

#5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: GUEGLER et al.



Serial No. 09/749,589

Filed: December 28, 2000

For: ISOLATED HUMAN TRANSPORTER  
PROTEINS, NUCLEIC ACID MOLECULES  
ENCODING HUMAN TRANSPORTER  
PROTEINS, AND USES THEREOF

Art Unit:

Examiner:

Atty. Docket: CL000861

SUBMISSION OF SEQUENCE LISTING  
UNDER 37 C.F.R. § 1.821(a)

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Sir:

In compliance with 37 C.F.R. § 1.821(a), Applicants submit the Sequence Listing,  
including the paper copy of the Sequence Listing and the computer readable copy of the  
Sequence Listing.

**In the Specification:**

Please enter the Sequence Listing between the specification and the claims of the  
above-identified application.

09749589-051001

**REMARKS**

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the Sequence Listing and the computer readable copy of the Sequence Listing submitted herewith in the above application are the same.

In accordance with 37 C.F.R. § 1.821(g), this submission includes no new matter.

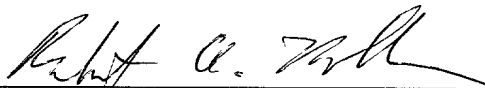
It is respectfully believed this application is now in condition for examination.

Early notice to this effect is earnestly solicited.

Respectfully submitted,

CELERA GENOMICS

By: \_\_\_\_\_



**Robert A. Millman**

Reg. No. 36,217

Date: May 10, 2001

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Rockville, MD 20850  
Tel: 240-453-3067  
Fax: 240-453-3084

09749589-05100  
T00T50-68564260



45

SEQUENCE LISTING

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NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,  
AND USES THEREOF

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          20          25          30
Tyr Ala Leu Leu Leu Gln His Leu Pro Val Leu Val Trp Leu Pro Arg
          35          40          45
Tyr Pro Val Arg Asp Trp Leu Leu Gly Asp Leu Leu Ser Gly Leu Ser
          50          55          60
Val Ala Ile Met Gln Leu Pro Gln Gly Leu Ala Tyr Ala Leu Leu Ala
 65          70          75          80
Gly Leu Pro Pro Val Phe Gly Leu Tyr Ser Ser Phe Tyr Pro Val Phe
          85          90          95
Ile Tyr Phe Leu Phe Gly Thr Ser Arg His Ile Ser Val Gly Thr Phe
          100          105          110
Ala Val Met Ser Val Met Val Gly Ser Val Thr Glu Ser Leu Ala Pro
          115          120          125
Gln Ala Leu Asn Asp Ser Met Ile Asn Glu Thr Ala Arg Asp Ala Ala
          130          135          140
Arg Val Gln Val Ala Ser Thr Leu Ser Val Leu Val Gly Leu Phe Gln
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Val Gly Leu Gly Leu Ile His Phe Gly Phe Val Val Thr Tyr Leu Ser
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Glu Pro Leu Val Arg Gly Tyr Thr Thr Ala Ala Ala Val Gln Val Phe
          180          185          190
Val Ser Gln Leu Lys Tyr Val Phe Gly Leu His Leu Ser Ser His Ser
          195          200          205
Gly Pro Leu Ser Leu Ile Tyr Thr Val Leu Glu Val Cys Trp Lys Leu
          210          215          220
Pro Gln Ser Lys Val Gly Thr Val Val Thr Ala Ala Val Ala Gly Val
          225          230          235          240
Val Leu Val Val Val Lys Leu Leu Asn Asp Lys Leu Gln Gln Gln Leu
          245          250          255
Pro Met Pro Ile Pro Gly Glu Leu Leu Thr Leu Ile Gly Ala Thr Gly
          260          265          270
Ile Ser Tyr Gly Met Gly Leu Lys His Arg Phe Glu Val Asp Val Val

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